

Estimated Crop Production Costs in Iowa, 2002-2006¹

2002	2003	2004	2005	2006
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CORN FOLLOWING CORN

Machinery	\$ 74.62	\$ 80.99	\$ 86.78	\$94.55	\$100.07
Seed, Chemicals, etc.	142.34	146.19	159.57	184.77	201.62
Labor	22.80	25.65	27.08	27.08	29.93
Land	<u>125.00</u>	<u>135.00</u>	<u>140.00</u>	<u>140.00</u>	<u>145.00</u>
Total Cost Per Acre	364.76	387.83	413.43	446.39	\$476.61
Assumed Yield (bushels)	120	135	135	135	140
Total Cost Per Bushel	\$3.04	\$2.87	\$3.06	\$3.31	\$3.40

CORN FOLLOWING SOYBEANS

Machinery	\$ 73.29	\$ 79.55	\$ 85.68	\$93.37	\$97.39
Seed, Chemicals, etc.	125.15	125.10	135.74	156.03	169.26
Labor	20.80	23.40	24.70	24.70	27.30
Land	<u>125.00</u>	<u>135.00</u>	<u>140.00</u>	<u>140.00</u>	<u>145.00</u>
Total Cost Per Acre	344.23	363.04	386.12	\$414.10	\$438.95
Assumed Yield (bushels)	135	150	150	150	155
Total Cost Per Bushel	\$2.55	\$2.42	\$2.57	\$2.76	\$2.83

SOYBEANS FOLLOWING CORN**

Machinery	\$ 41.39	\$ 43.38	\$ 41.51	\$40.53	\$45.90
Seed, Chemicals, etc.	87.46	84.47	90.76	96.53	106.79
Labor	19.60	22.05	23.28	23.28	25.73
Land	<u>125.00</u>	<u>135.00</u>	<u>140.00</u>	<u>140.00</u>	<u>145.00</u>
Total Cost Per Acre	273.45	284.90	295.54	300.34	\$323.41
Assumed Yield (bushels)	45	45	45	45	45
Total Cost Per Bushel	\$6.08	\$6.33	\$6.57	\$6.67	\$7.19

ALFALFA HAY, ANNUAL PRODUCTION, LARGE ROUND BALES

One-Third of Est. Costs	\$ 31.90	\$ 32.84	\$ 33.84	\$34.45	\$36.83
Annual Fertilizer	63.82	60.25	71.62	84.74	103.36
Harvest Machinery	90.56	103.12	96.24	108.30	107.10
Labor	42.67	48.00	50.67	50.67	56.00
Land	<u>80.00</u>	<u>85.00</u>	<u>88.00</u>	<u>95.00</u>	<u>95.00</u>
Total Cost Per Acre	308.95	329.21	340.36	373.16	\$398.29
Assumed Yield (ton)	6	6	6	6	6
Total Cost Per Ton	\$51.49	\$54.87	\$56.73	\$62.19	\$66.38

¹The 2003-06 land rents, corn yields, and machinery costs were adjusted to reflect recent averages.

**Beginning in 2005, soybean estimates are for herbicide tolerant varieties.

Source: *Mike Duffy and Darnell Smith, University Extension, Iowa State University*

